

GLAC IRWM: Prop 84 Implementation Grant Funding (Round 3)

Subregion Proposed Projects Organized by Subregion

	Project Name	Agency	Brief Description of the Project	Water Supply (AF/Y)	Total Capital Cost (All Funds)	REQUESTED Prop 84 Funds	Cost Per Acre Foot (Total Cost)	Cost Per Acre Foot (Grant Funds)	% Match	Estimated Construction Start Date	Estimated Construction End Date	Estimated CEQA Completion Date
Lower LA & San Gabriel Rivers												
1	Recycled Water Turnouts	Water Replenishment District of Southern California	Construction of two turnout connection facilities to an existing recycled water supply pipeline to allow delivery of additional 11,000 acre-feet of recycled water to replenish groundwater supplies within the Montebello Forebay. This project will increase operational flexibility of the San Gabriel Coastal Spreading Grounds and provide the ability to recharge more recycled water.	11,000	\$6,000,000	\$4,500,000	\$545	\$409	25%	8/31/2014	10/31/2015	5/31/2013
2	Manhattan Well Improvements	LADWP/Water Replenishment District of Southern California	Build up to 2 monitoring wells and 8 production wells in South Los Angeles to replace the existing wells currently at Manhattan Wellfield. The monitoring wells will identify the existence and extent of any contamination. The production wells will extract water to supply the adjacent neighborhood which is currently being served with imported water.	4,200	\$29,615,000	\$3,000,000	\$7,051	\$714	90%	Fall 2014	Fall 2016	Notice of Exemption Filed
					\$35,615,000	\$7,500,000						
North Santa Monica Bay												
	AMR Conversion Project	LA Co Waterworks District No. 29	Replacement of all (approximately 6,200) non-Automatic-Meter-Reading (AMR) meters. AMR meters are more accurate than the older non-AMR meters, which typically under-measure water use. Higher than expected usage volumes and bill amounts are expected to encourage customers to conserve water.									
	Malibu Drought Preparedness Project: Graywater Reuse and Rainwater Harvesting	City of Malibu	Retrofit 100 homes with graywater reuse and/or rainwater harvesting cisterns to provide immediate regional drought preparedness, water conservation and habitat protection that is not locally cost effective. Via extensive post-project education and outreach, it will multiply the project benefits by providing local cost-benefit analysis and a new Graywater Handbook to make it easier for future households to retrofit.									
1	Water Budget Based Rate Implementation	Las Virgines Municipal Water District	Fund contractor costs to permanently transition to budget based rates with steep conservation tiers: color-IR and landscape delineation, financial and rate studies and necessary billing system alterations. A prototype of this system achieved a 20% drop in water use in the previous drought (5,000 AF/Y).	5,000	\$673,200	\$413,500	\$135	\$83	39%	3/25/2014	6/30/2016	N/A
					\$673,200	\$413,500						
South Bay												
1	Well No. 2 Rehabilitation	City of Inglewood	Rehabilitation will include removal of pump assembly, removal of well encrustation, swab and surge well casing and chemical treatment. This action will restore well pumping capacity to a level of 600-700 acre feet per year.	600-700	\$250,000	\$187,500	\$385	\$288	25%	3/1/2015	7/31/2015	Will file Categorical Exemption
2	Terminal Island WRP Advanced Water Purification Facility and Distribution System Expansion	LADWP	The Terminal Island WRP Expansion and AWPf implementation will produce an additional 7280 AFY of advanced purified recycled water to offset potable demands in the Los Angeles Harbor Area. The recycled water will be treated with MF/RO and an advanced oxidation process. The recycled water produced by TIWRP will be used for groundwater protection from seawater intrusion, preservation of the Machado Lake ecosystem, and for various industrial uses.	7,280	\$74,540,800	\$2,500,000	\$10,239	\$343	97%	WRP Expansion: 10/6/2014	WRP Expansion: 4/3/2017 Distribution System: 10/3/2016	

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3	Goldsworthy Desalter Expansion	City of Torrance and So. Cal Water Replenishment District	Drill 2 groundwater wells to remove and treat 2,500 acre-feet of saline water for drinking water. The new water wells will have a discharge line that will direct discharge water away from the Santa Monica Bay and thereby reduce discharges to the bay that cause exceedences of the bacteria TMDL for Santa Monica Bay	2,500	\$17,500,000	\$4,000,000	\$7,000	\$1,600	77%	12/31/2014	6/30/2016	Complete and Filed
4	West Coast Basin Barrier Project Unit 12 Injection & Observation Wells	LA County Flood Control District	Wells will be utilized to inject recycled water into the groundwater basin to replenish the local groundwater supply and protect it from contamination due to seawater intrusion. Recycled water that is injected into these wells can be pumped in the future as needed to supply drinking water to local communities. Wells will assist in creating a freshwater pressure ridge to prevent seawater from migrating landward and contaminating a groundwater reservoir.	730	\$4,420,000	\$1,000,000	\$6,055	\$1,370	77%	4/1/2015	2/1/2016	N/A
5	Recycled Water On-Site Retrofit Project	West Basin Municipal Water District	This project includes the design and construction of laterals and on-site retrofitting to connect 8 sites within the South Bay to West Basin's recycled water distribution system. The recycled water would be applied for landscape irrigation only. This project will connect the sites to existing, adjacent recycled water main lines to receive recycled water through service lines and on-site retrofits.	206	\$1,410,000	\$611,500	\$6,845	\$2,968	57%	Varies	To be completed by October 2016	To be completed by November 2015
					\$98,120,800	\$8,299,000						

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Upper LA River												
1	Los Angeles-Burbank Groundwater System Interconnection	LADWP-Burbank WP	Increase use of BOU for groundwater remediation.	600-2000	\$1,000,000	\$500,000	\$1667 - \$500	\$833 - \$250	50%	12/31/2014	2/28/2015	Categorically Exempt
2	Los Angeles-Glendale Groundwater System Interconnection	LADWP-Glendale WP	Activate existing Grayson Power Plant wells and connect to potable distribution pipeline and Install 3,500 linear feet of 8-inch diameter pipeline for water delivery to LADWP	2000-2500 (2250)	\$1,790,000	\$716,000	\$796	\$318	60%	1/31/2015	7/31/2015	Categorically Exempt
3	Mission Wells Improvement	LADWP	Project will restore overall capacity to produce groundwater and utilize annual water rights and stored water credits	3,570	\$14,000,000	\$3,000,000	\$3,922	\$840	79%	Stage 1: Oct 2014 Stage 2: TBD	Stage 1: Oct 2016 Stage 2: TBD	Categorically Exempt: filing to be completed May 2014
4	Rockhaven Well	Crecenta Valley Water District-Glendale WP	Activate a groundwater well constructed by GWP, which has not been completed due to water quality (nitrate) issues. Reduce nitrate levels within the Verdugo Basin.	485	\$1,040,000	\$1,297,500	\$2,144	\$2,675	42%	12/31/2014	6/30/2015	Well Equipping & Piping – Neg. Declaration – Complete by June 2014
5	Be a Water Saver Conservation Program	City of Burbank Water and Power	Rebate programs including turf replacement, rain barrels, usage reports.	500	\$1,518,500	\$685,000	\$3,037	\$1,370	55%	ready to proceed	60 days after NTP	N/A
					\$19,348,500	\$6,198,500						
Upper San Gabriel River & Rio Hondo												
1	Six Basins and Puente Basin Integrated Water Supply Project	Puente Basin Water Agency	This Project consists of accessing, treating, and conveying a new source of water from Six Basins to PBWA for potable use. This Project will increase local potable water supply by 1,860 acre feet per year and will also improve water quality while enhancing regional interconnectivity and operational reliability.	1,860	\$5,245,000	\$3,000,000	\$2,820	\$1,613	43%	1/31/2015	7/31/2016	Categorically Exempt: filing to be completed summer 2014
2	La Puente Valley County Water District Recycled Water Project	Upper San Gabriel Valley Municipal Water District & La Puente Valley County Water District	Provides recycled water for irrigation use to customers of LPVCWD. Project includes construction of recycled water distribution system (Pipeline, Booster Pump Station, Customer Retrofits).	52	\$1,224,000	\$918,000	\$23,538	\$17,654	25%	3/1/2015	3/1/2016	8/31/2014
	South El Monte Recycled Water Expansion Project – Package 1	Upper San Gabriel Valley Municipal Water District & San Gabriel Valley Water Company	•Provides recycled water for irrigation use to customers in the Cities of El Monte and South El Monte through expansion of an existing recycled water system.	83	\$3,644,000	\$2,733,000	\$43,904	\$32,928	25%	2/1/2015	7/31/2016	8/31/2014
	San Gabriel Valley Water Recycling Project (Phase 1 – Rose Hills Expansion)	Upper San Gabriel Valley Municipal Water District and Rose Hills Memorial Park	Expand recycled water system at Rose Hills Memorial Park for irrigation purposes.	600	\$1,000,000	\$500,000	\$1,667	\$833	50%	2/1/2015	6/1/2015	MND August 2014
	City of Monrovia Fire Department Recycled Water Project	Upper San Gabriel Valley Municipal Water District	Project includes capture and reuse of water from firefighting training exercises and construction of stormwater capture and treatment system for direct reuse.									
	Large Landscape Irrigation Survey and Retrofit Project	Upper San Gabriel Valley Municipal Water District	Surveys and retrofits of large landscape irrigation users to reduce demand and increase efficiency.									
					\$11,113,000	\$7,151,000						

\$164,870,500

\$29,562,000